

CBHE

missouri coordinating board for higher education

News

May 2000 Volume 19, No. 4

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Missouri Western State College hosts Coordinating Board in April

The Missouri Western State College Board of Regents and the Coordinating Board for Higher Education discussed the results of Missouri Western's mission enhancement program, Access Plus, during a joint meeting held April 12 in St. Joseph.

After the meeting, the Coordinating Board presented Dr. Janet Murphy, MWSC president, a proclamation in recognition of her leadership and service to Missouri higher education. Murphy is retiring this summer.

Missouri Western also was the site of the Coordinating Board's annual "report card" meeting. Each year, the Coordinating Board's April meeting is devoted mostly to reports that collectively evaluate the state higher education system's performance and use of state funding. (See story, page 2.)

The Department of Higher Education staff presented a report on progress toward the statewide public policy initiatives and goals established by the board in 1992 and 1996 that are included in the **Blueprint for Missouri Higher Education**.

The board also reviewed the success to date of the state's investment in postsecondary technical education. (See story, page 5.)

Southwest Missouri State University, Missouri Western State College and Missouri Southern State College presented their results from the first cycle of mission review and enhancement.

These three institutions were the first to



Jim Summers, Jr., Coordinating Board member and former president of the MWSC Board of Regents, congratulates MWSC president Dr. Janet Murphy on her retirement in the summer of 2000.

complete their mission enhancement plans, which the state invested in from FY 1997 to FY 2000. (See story, page 4.)

In addition, Commissioner of Higher Education Kala M. Stroup presented a list of individuals recommended for appointment to the MOSTARS Advisory Board, which will advise the Coordinating Board on issues related to student financial assistance.

The Coordinating Board also reviewed a draft of the proposed state-level general education policy revision. The CBHE Committee on Transfer and Articulation intends to submit its recommendations for any changes in the state-level general education policy for transfer students for Coordinating Board action in June.

See CBHE MEETING, page 3

Higher education measures progress in 'report card'

Missouri students are better prepared to take advantage of greater access to higher education opportunities than in the past, according to findings in the annual progress report on statewide higher education goals that was presented to the Coordinating Board for Higher Education during its April 13 meeting.

Progress was evaluated using performance measures that the Coordinating Board put into place to evaluate the effectiveness of statewide higher education initiatives established by the board in 1992 and 1996. The report focused on progress made in improving the access, quality and efficiency of Missouri higher education.

Access

According to the report, access to higher education in Missouri has been improved for key groups of students, including transfer students and

than 50 percent. Of these degrees, the number conferred to African-Americans increased from 2,763 to 4,287, a 55 percent increase.

A significant factor in improving access to higher education in Missouri is the increase in state funding for student financial assistance, from \$21 million in FY 1993 to more than \$47.6 million in FY 2000.

Quality

Students are entering Missouri colleges better prepared than in the past. Since the fall of 1992, the proportion of Missouri's first-time, full-time, degree-seeking freshmen entering the state's public four-year institutions who have taken the CBHE-recommended 16-unit high school core curriculum has increased from 46 percent to 93 percent.

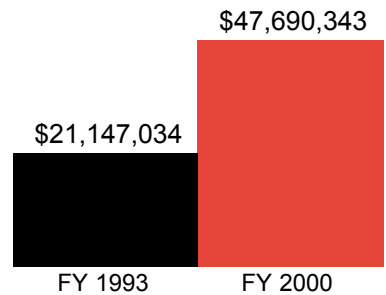
Taking the core curriculum impacts a student's ACT score, which is an indicator of a student's potential for success in college. The average ACT score for fall 1999 freshmen who took the core was 23.9, compared to 18.5 for those who took less than the

recommended 16-unit core.

More students also are participating in the Advanced Placement

Program. Since 1992, the number of high schools offering AP courses has increased by 64 percent,

State Student Financial Assistance
Grants and Scholarships

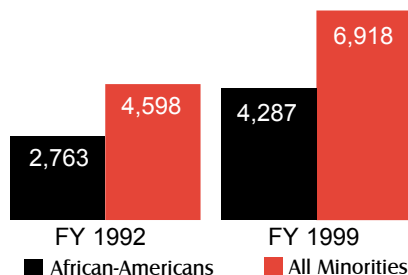


while the number of students taking AP courses and exams has increased by 90 percent and 91 percent, respectively. For the past three years, Missouri has had the highest percentage of scores at 3.0 or above (the score recommended for advanced placement in college) of all 50 states.

Missouri public colleges and universities use assessment programs to ensure high-quality teaching and learning. Six of Missouri's 13 public four-year campuses use nationally normed assessments of general education for at least 90 percent of their graduates. At all but two of these institutions, at least half of the graduates tested scored at the 50th percentile or higher.

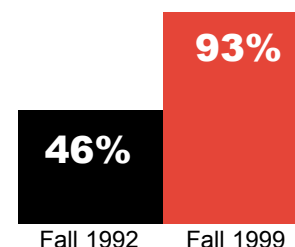
See REPORT CARD, page 3

Number of Degrees Conferred
to African-Americans and Minorities
Missouri Public and Independent Colleges and Universities



minority students. Between FY 1992 and FY 1999, the number of degrees conferred to minorities increased from 4,598 to 6,918, an increase of more

Percentage of Missouri's First-Time, Full-Time,
Degree-Seeking Freshmen Who Have Taken
the CBHE-Recommended High School Core Curriculum
Missouri Public Four-Year Colleges and Universities



Report Card, from page 2

Of the 13 institutions offering associate of arts degrees, seven use nationally normed assessments of general education for at least 90 percent of their graduates. At 10 institutions, at least half of the graduates tested scored at the 50th percentile or better.

The percentage of baccalaureate graduates who passed national licensure, certification or registration exams increased from 82.8 percent in FY 1993 to 91.5 percent in FY 1999.

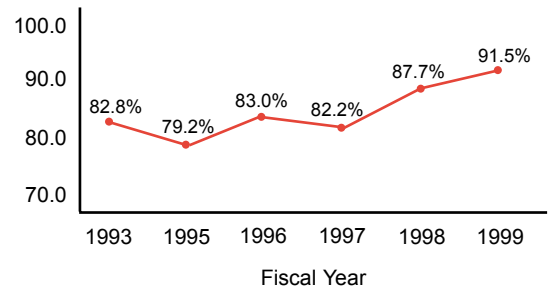
enhancement results reported to the Coordinating Board by Southwest Missouri State University, Missouri Western State College and Missouri Southern State College illustrate how institutions can be differentiated in terms of their declared missions, admissions selectivity, programmatic themes and levels of degrees offered, among other aspects. (See story, page 4.)

Efficiency also has been enhanced through technology initiatives such as the Missouri Research and Education Network (MOREnet) and the Missouri Bibliographic Information User System (MOBIUS) as well as the development of the Missouri Learners' Network, all of which allow Missouri's

public colleges and universities to share resources.

Important measures of Missouri higher education's efficiency are graduation rates, which have

Percentage of Baccalaureate Graduates Who Passed National Licensure, Certification or Registration Exams

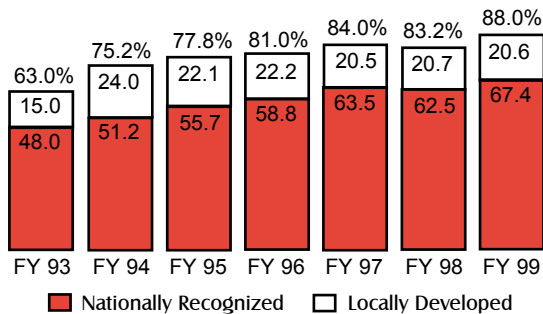


improved at all Missouri public colleges and universities since 1992. The overall six-year graduation rate for the state's public four-year institutions is 50 percent. The University of Missouri-Columbia has met the 65 percent graduation rate goal for selective admissions institutions, and Truman State University is approaching the goal of 75 percent for highly selective admissions institutions.

The findings of the 2000 progress report will provide the framework for future discussions of statewide higher education initiatives.

The report will be posted on our web site at www.mocbhe.gov. 🍎

Percentage of Baccalaureate Graduates Who Were Assessed in Their Major Fields



Efficiency

The efficiency of Missouri's system of higher education has been improved through mission differentiation. The mission

CBHE Meeting, from page 1

The Committee on Technology and Instruction updated the board on the status of several projects, including the Distributed Learning Workshop and the Missouri Learners' Network. The committee also presented ***Principles of Good Practice for Distance Learning/Web-Based Courses***, which the board adopted.

In other business, the Coordinating Board discussed changes in its Funding for Results initiative for FY 2002 and beyond and received updates on the Missouri K-16 Coalition and selected higher education legislation. 🍎

Institutions report mission enhancement results

Missouri Western State College, Missouri Southern State College and Southwest Missouri State University presented their results from the first cycle of mission enhancement to the Coordinating Board for Higher Education during its April 13 meeting.

These three institutions were the first to complete their mission enhancement plans, which the state invested in from FY 1997 to FY 2000. The institutions' mission enhancement plans were developed after the Coordinating Board conducted mission reviews of each institution in 1995.

Missouri Western State College

Missouri Western State College received almost \$3 million in state funding to guide its mission as a baccalaureate-level, open enrollment institution focusing on access to learner success, with a special retention program called Access Plus.

Through the Access Plus program's mix of student success programs, intensive advising, orientation courses and other services, Missouri Western was able to show results in student success and retention.

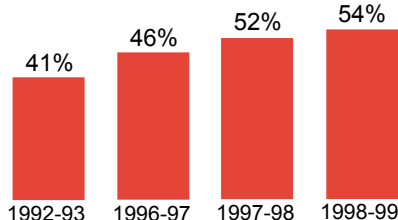
As a measure of quality teaching and learning, student success was measured by the proportion of first-time, full-time freshmen who completed 24 credit hours with a 2.0 grade point average. In the fall of 1998, Missouri Western's freshman success rate was 54 percent, an increase of 13 percentage points since 1992.

Missouri Western's freshman-to-sophomore-year retention rate has increased 10 percentage points since 1995. The one-year retention rate for underprepared students has increased nearly 21 percent.

Missouri Western also showed results of its collaborative partnership with Hillyard Technical Center. The partnership ensures that technical education and training will be provided in the St. Joseph area. Together, the two institutions achieved an enrollment in the manufacturing

Student Success at Missouri Western

Percentage of First-Time, Full-Time Freshmen Completing 24 Credit Hours with a 2.0 GPA



engineering technology AAS program that was only nine students shy of the goal established by the Coordinating Board.

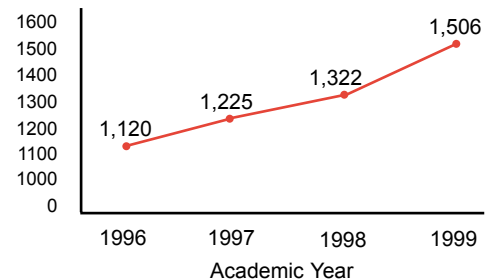
Missouri Southern State College

Missouri Southern State College also showed results of the state's nearly \$2.4 million investment in the college's mission enhancement plan to give the baccalaureate-level, moderately selective admissions institution an international emphasis.

Missouri Southern expanded its foreign language program to expose students to international cultures and issues as well as to provide them with the opportunity to develop communicative proficiency in a second or third language. As a result, enrollment in foreign language classes has increased almost 35 percent. The number of students majoring in a foreign language more than doubled,

from 27 in 1997 to 59 in 2000, and nearly 10 times as many students are pursuing foreign language minors.

Foreign Language Enrollment at Missouri Southern



Graduates' language proficiency was measured by departmental advanced placement tests. During the 2000 academic year, 84 students were tested, and 366 hours of foreign language credit were granted. In addition, Missouri Southern has initiated a pilot program that measures reading, listening, writing and speaking skills independently to test proficiency in Spanish.

Missouri Southern also worked to infuse a global perspective through workshops, seminars, cooperative outreach programs, student and faculty diversity, communications technologies and study abroad programs.

Southwest Missouri State University

Southwest Missouri State University received over \$10.5 million in state funding to implement its mission enhancement plan. The master's-level, selective admissions institution worked to implement its statewide mission in public affairs and to develop new graduate programs.

Public affairs was incorporated into a more focused general education program, reducing the number of

See MISSION, page 7

Coordinating Board reviews results of technical education initiatives

The Coordinating Board for Higher Education received a report on the results of the state's investment in postsecondary technical education during its April 13 meeting.

The report examines ways in which the state's postsecondary technical education system has improved workforce development in Missouri since the adoption of the *State Plan for Postsecondary Technical Education* in 1996. The report highlights improvements in geographic and programmatic access, student access to employment and financial opportunities and program quality.

By the end of FY 2000, 68 communities will be access points for the delivery of postsecondary technical education. In addition, the state's public two-year institutions have initiated 102 new, targeted postsecondary technical programs, including 31 technical certificates and 71 technical associate of applied science degree programs, a 42 percent increase since 1996.

Access also has been enhanced by the community colleges' participation in transfer agreements with the state's area vocational technical schools, private career schools, institutions that offer baccalaureate technology degrees, and union and non-union apprenticeship training schools.

Due in part to increased geographic and programmatic access, the number of students participating in targeted technical programs at the end of FY 1999 reached 12,352, a 37 percent increase since FY 1995.

The number of students graduating with certificate, associate of science, AAS and baccalaureate degrees in targeted technical programs also has increased. The number of students graduating with AS and AAS

degrees in targeted programs has increased 16 percent since FY 1995, while the number of recipients of one-year and two-year vocational certificates has increased 18 percent.

Graduates employed in targeted technical fields generally earned higher average salaries than graduates from Missouri public institutions who entered other fields in Missouri's workforce. On average, 13 months after completing targeted technical programs, FY 1997 technical AAS-degree graduates earned \$28,374 annually, compared to \$18,656 annually for nontechnical AAS-degree graduates. At the baccalaureate-degree level, FY 1997 graduates who received technology-related degrees earned \$35,034 annually, on average, compared

Earnings of Technical Education Graduates*

Targeted Technical AAS/AS Programs	Annual Earnings
Computer Information Systems	\$28,203
Engineering-Related Technologies	\$28,445
Advanced-Level Health Occupations	\$30,193
Mechanics and Repairers	\$25,247
Precision Production Trades	\$22,388

*Median earnings for FY 1997 graduates 13 months after graduation

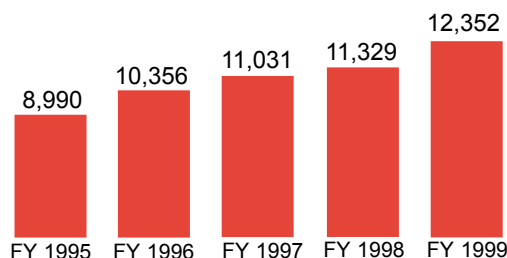
to \$22,190 annually for graduates in nontechnical fields.

The quality of Missouri's system of postsecondary technical education has been improved by the continuous planning of the 12 Regional Technical Education Councils, which now have a combined membership of nearly 560 – including 197 employers.

Missouri's two-year institutions are integrating the use of licensure, registration, certification and applicable industry-based skill-set examinations. Some institutions also are implementing plans to renew or achieve national or industry-based accreditation for all new, targeted technical programs added since FY 1997.

Linn State Technical College is seeking North Central Association of Colleges and Schools (NCA) accreditation in order to fulfill its mission as the state's only two-year technical college. After a site visit in April, NCA site team chair Dr. Susan Murphy reported that the team plans to recommend Linn State for accreditation. The recommendation is subject to change as the review process

Participation in Technical Programs* On-Campus and Off-Campus



*Unduplicated Headcount

See TECHNICAL EDUCATION, page 7

MOSTARS Advisory Board is appointed

During the Coordinating Board's April 13 meeting, Commissioner of Higher Education Kala M. Stroup presented a list of individuals for appointment to the MOSTARS Advisory Board.

The appointees will advise the Coordinating Board on issues related to student financial assistance. The Coordinating Board established the MOSTARS Advisory Board in response to recommendations of the Missouri Commission on the Affordability of Higher Education.

The affordability commission reported that while access to student financial aid has increased through the development of new, targeted financial aid programs, the new programs have increased the administrative burden on postsecondary institutions and have added confusion to the financial aid process for students and families. The commission also found that information about the costs of postsecondary educational opportunities is uncoordinated,

unclear and often difficult for the average consumer to understand. Based on these and other findings, the affordability commission made several recommendations to improve financial access and consumer information.

Accordingly, the MOSTARS Advisory Board will help guide efforts to implement:

- an integrated policy framework for student financial assistance programs,
- an improved consumer information reporting system,
- successful early awareness and outreach programs and
- student loan default prevention and debt management strategies.

The composition of the new advisory board includes individuals representing all sectors of Missouri higher education. The advisory board will meet three times annually in conjunction with regularly scheduled Coordinating Board meetings in February, June and December. 🍏

MOSTARS Advisory Board

Coordinating Board for Higher Education

John Bass, Secretary

Citizens

John Dillingham, President, Dillingham Enterprises
(Affordability Commission Member)

Barbara Burns, Superintendent of Schools, Lamar
(Affordability Commission Member)

Presidents, Chancellors and Directors of Postsecondary Institutions

Public Two-Year

Gustavo Valadez Ortiz, St. Louis Community College
at Florissant Valley

Public Four-Year

Kenneth Dobbins, President, Southeast Missouri
State University

Independent

Ed Strong, Jr., Culver-Stockton College

Private Career

C. Larkin Hicks, Allied Medical College

State Legislators

Ted Farnen (D), Chairman, House Higher Education
Committee

Anita Yeckel (R), Member, Senate Education
Committee

Vice President for Student Affairs

Constance Williams, Lincoln University

Vice President for Finance or Fiscal Affairs

Ron Maupin, Southwest Baptist University

Governor's Office Representative

(to be named)

MOHELA Board of Directors

William Zielonko, Chairman

Department of Elementary and Secondary Education

Celeste Ferguson, Assistant Commissioner for
Urban and Teacher Education

Students

Public Two-Year

Amy Reinsch, Board of Regents, Linn State
Technical College

Public Four-Year

Ricardo Jones, Board of Curators, Lincoln University

University of Missouri

Larry Sowell, University of Missouri-St. Louis

Independent

Andrew Carlson, Washington University

Commissioner to serve on council

Commissioner Kala M. Stroup has been appointed to serve on the council that oversees the Association of Governing Board's new Center for Public Higher Education Trusteeship and Governance. The Honorable Zell

Miller, former governor of Georgia, has been appointed chair of the council, which includes higher education leaders from across the nation and representatives from the Education Commission of the States, the National Conference of State

Legislators and the Council of State Governments. The center is funded by foundations and individual donors, including the John S. and James L. Knight Foundation, the J. Paul Getty Trust and the Houston Endowment. 🍏

Mission, from page 4

general education courses from 347 to 85. Southwest also created two new public affairs courses, Introduction to University Life, which is required for all freshmen, and Public Affairs Issues for the 21st Century, which is required of all students. In addition, the number of service learning

courses, which require students to provide 40 hours of service relevant to the course topic, increased from 17 in the fall of 1997 to 67 in the fall of 1999.

Southwest also worked to strengthen its graduate programs. Since 1996, the university has added

20 new graduate programs. Graduate enrollment reached 2,952 in the fall of 1999, making Southwest the third largest provider of graduate education in the state. Graduate enrollment increased from 10 percent of the total student enrollment

in the fall of 1994 to 16.8 percent in the fall of 1999. In addition, Southwest made progress toward meeting the statewide goals for selective admissions institutions and increased programmatic access to technical education at its West Plains campus by offering five different associate of applied science degree programs.

The mission enhancement results of Missouri Western State College, Missouri Southern State College and Southwest Missouri State University will be reported to the Missouri General Assembly in January 2001. All three institutions are now beginning their second five-year cycles of mission review. 🍏

Graduate Program Enrollment at SMSU

Year	Graduate Enrollment	Percentage of Total Enrollment
Fall 1999	2,952	16.8%
Fall 1998	2,754	16.2%
Fall 1997	2,209	13.3%
Fall 1996	2,057	12.6%
Fall 1995	1,875	11.4%
Fall 1994	1,733	10.0%

20 new graduate programs. Graduate enrollment reached 2,952 in the fall of 1999, making Southwest the third largest provider of graduate education in the state. Graduate enrollment increased from 10 percent of the total student enrollment

Technical education, from page 5

continues, and Linn State will not know the final outcome until late summer – but the exit report is encouraging.

Certain technical education issues need further attention, including investment in programs on the

“cutting-edge” of technology, increased accreditation of targeted technical programs, efforts to meet urgent employer needs and “unfinished business” of the *State Plan for Postsecondary Technical Education*.

Though some challenges remain, the Coordinating Board is committed to establishing an accessible, high-quality system of postsecondary technical education. 🍏

CBHE *Calendar*

CBHE and Presidential Advisory Committee Meetings	June 8, 2000 College of the Ozarks, Point Lookout Chateau on the Lake, Branson
CBHE and Presidential Advisory Committee Meetings	October 12, 2000 State Fair Community College, Sedalia
Workshop for Trustees, Governor's Conference and CBHE Meeting	December 6-7, 2000 * Holiday Inn Select Executive Center, Columbia
CBHE and Presidential Advisory Committee Meetings and Transfer and Articulation Conference	February 8, 2001 Location to be determined
CBHE and Presidential Advisory Committee Meetings	April 12, 2001 Logan University/Missouri Higher Education Loan Authority, Chesterfield
CBHE and Presidential Advisory Committee Meetings	June 7, 2001 Crowder College, Neosho
CBHE and Presidential Advisory Committee Meetings	October 11, 2001 Linn State Technical College, Linn
Governor's Conference and CBHE Meeting	December 6, 2001 Kansas City

* Note change in date and/or location

Academic Program Actions

New academic programs and changes in existing academic programs submitted by both public and independent institutions are reported at each Coordinating Board meeting. Check our web site at **www.mocbhe.gov** for the most recent academic program actions.

CBHE *News*

Missouri Department of Higher Education
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FIRST CLASS

CBHE News is published by the Missouri Department of Higher Education to inform Missouri's higher education community of Coordinating Board for Higher Education actions and higher education events. Copies are distributed to CBHE members, institutional governing boards and presidents, higher education associations, the Missouri General Assembly, Gov. Mel Carnahan and other interested Missouri citizens.

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